

WHAT IS CLAIMED IS:

- Sub
A5
1. A method for combining folios between a first and a second web in a rotary printing press, the method comprising:
cutting a first folio from a third web in the rotary press;
storing the first folio on a storage device; and
transferring the first folio from the storage device to a position between the first and second webs.
 2. The method as recited in claim 1 further comprising cutting a second folio from the third web, and wherein the storing step includes storing the second folio in a stacked relationship relative to the first folio on a precollect cylinder and the transferring step includes simultaneously transferring the stacked first and second folios from the precollect cylinder.
 3. The method as recited in claim 1 further comprising moving the first, second, and third webs through the press at a same speed.
 4. The method as recited in claim 2 further comprising:
cutting a third folio from a fourth web; and
cutting a fourth folio from a fourth web, and wherein the storing step further includes storing the third and fourth folios in a stacked relationship relative to one another and relative to the first and second folios on a precollect cylinder, and wherein the transferring further includes simultaneously transferring the stacked first, second, third, and fourth folios from the precollect cylinder.
 5. The method as recited in claim 2 wherein the precollect cylinder has a circumference three times a circumference of the first folio.
 6. The method as recited in claim 1 wherein the cutting step is performed using a cutting cylinder having a circumference that is one-half a circumference of a print cylinder

of the press.

7. The method as recited in claim 1 further comprising providing an electrostatic charge to at least one of the first web, the second web, the first folio, and the second folio so as to enable an adhesion between the first and second folios and at least one of the first and second webs.

8. A device for combining folios between first and second webs in a rotary printing press, the device comprising:

a cutting cylinder configured to cut a first folio from a third web;
a storing device in operative connection with the cutting cylinder, the storing device configured to store the first folio; and
a positioning device adjacent the storing device configured to transfer the stored first folio from the storing device to a position between the first and second webs.

9. The device as recited in claim 8 wherein the cutting cylinder is further configured to cut a second folio from the third web and wherein the storing device includes a precollect cylinder configured to store the first and second folios in a stacked relationship.

10. The device as recited in claim 9 wherein the positioning device is configured to transfer the stacked first and second folios simultaneously.

11. The device as recited in claim 9 wherein the precollect cylinder has a circumference that is equal to a length of one of three folios, five folios, and seven folios.

12. The device as recited in claim 8 wherein the print cylinder includes a printing plate with at least two folio images arranged circumferentially.

13. The device as recited in claim 9 wherein the precollect cylinder includes pins for holding the first and second folios against a circumference of the precollect cylinder.

10015957 121301

14. The device as recited in claim 9 wherein the precollect cylinder includes grippers for holding the first and second folios against a circumference of the precollect cylinder.

15. The device as recited in claim 8 further comprising an electrode for providing an electrostatic charge to at least one of the first web, the second web and the first folio so as to enable an adhesion between the first folio and at least one of the first and second webs.

16. The device as recited in claim 8 wherein the positioning device includes a belt mounted on a plurality of belt rollers.

17. A web product moveable in a rotary printing press, the web product comprising:
a first web;
a second web; and
a first folio cut from a third web, wherein the first folio is sandwiched between the first and second webs.

18. The web product as recited in claim 17 further comprising a second folio cut from the third web stacked relative to the first folio and sandwiched between the first and second webs.

19. The web product as recited in claim 18 further comprising:
a third folio and a fourth folio, wherein the third and fourth folios are stacked relative to each other and relative to the first and second folios and sandwiched between the first and second webs.

20. The web product as recited in claim 18 wherein the stacked first and second folios are aligned with a respective folio image of at least one of the first and second webs.

10015957 121301